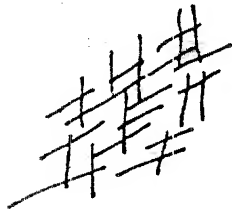


USE/APPLICATION?

structure
crystal

CRISS-CROSS
Cross-hatch



frequency
vibration

scatter
bounce-off

utile

THING & USE?

#8 all I got is some sort of material. When light
or "energy" hits it, the light or energy is absorbed
and/or scattered/diffused --- it will not reflect

face of material
is like a two-way mirror



when energy/light enters this
material, most of it is absorbed.

Any that is remaining is scattered
throughout this material by rod-like
inclusions contained in the material.

Once the energy/light enters the material

it cannot escape ----- in theory, anyhow.

over 011
SEP '87

PROJECT N-1

VIEWER'S DATA (V-2)

- o Cover is red - brown with black border.
- o Document has symbols associated with mathematical concepts and formulas.
- o . . . with listing related to strategic arms and targets.
- o Document has two parts:
First is theoretical in nature;
second part provides mathematical justification.
- o Material is used to trap energy.
- o Concepts of crystal structure, use of frequencies, perception of vibration and scattering . . .
- o Evidence of a surface material bonded by a crystal structure acting in the manner of a two-way mirror used to absorb and scatter energy (throughout the material) through the use of "rod-like inclusions".
- o A grey, smooth, shiny long round metallic cylindrical object is associated with the theory.

COMPARISON TO TARGET

- o Document has blue-black-white border.
- o Correct.
- o Incorrect.
- o First part is conceptual; mathematical notation occurs through middle portion; measurement/applications are toward end.
- o Text covers material/crystalline concepts related to optics.
- o Document emphasis is on all of these; crystalline vibration and scattering is a central concept.
- o Correct. Crystal model shown in text illustrates crystalline vibration via use of "elastic-spring connections".
- o Cover uses cylindrical, rectangular shapes to illustrate optical processes.

PROJECT N-1

VIEWER'S DATA (V-4)

- o Small circles and black print on cover.
- o Letters: A. R. M. T. S. H.
- o Document deals with concepts of energy, phases of implementation.
- o Essence of document; capture and storage of light and energy in very small cubes.
- o Two principles in document:
 - 1. Eye to eye principle.
 - 2. Transparencies with "reversing" effect.

COMPARISON TO TARGET

- o Partial,
- o Possible slight link to Soviet Title,
- o Partially correct (Emphasis is on optical theory/ phenomena)
- o Essentially correct (holographic principles are central).
 - 1. Over-all concept correct; possibly implied by illustration cover.
 - 2. Apt description of holographic process.

PROJECT N-1

VIEWER'S DATA (V-3)

- o Related to CW/BW
- o Maroon cover
- o Related to effects of high altitude burst.
- o Deals with concepts of energy, phases of implementation.

COMPARISON TO TARGET

- o Incorrect.
- o Incorrect.
- o Possibly suggested by cover illustration.
- o Partially correct (optical theory).

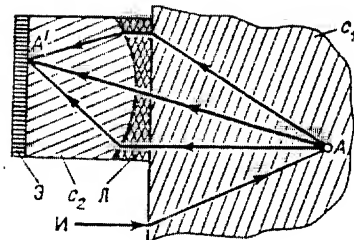
PROJECT N-1

VIEWER'S DATA (V-1)

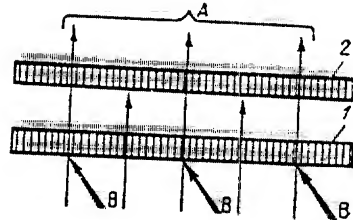
- o Document has a red background. odd shaped yellow and black letters.
- o Letters L, I, N, E, are in title.
- o Subject matter is on arms control, technical aspects of weapons, engineering constraints.

COMPARISON TO TARGET

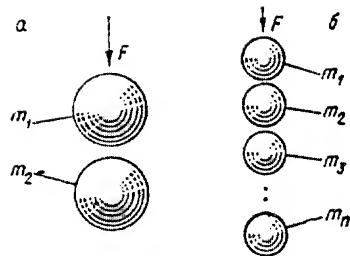
- o Colors are blue, white and black
- o Russian letters: 3, *И*, *И*₂
o, *И* appear on cover.
- o Document is highly technical dealing with optical principles.



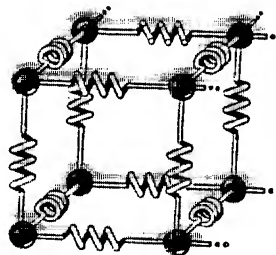
Puc. 33.



Puc. 32.

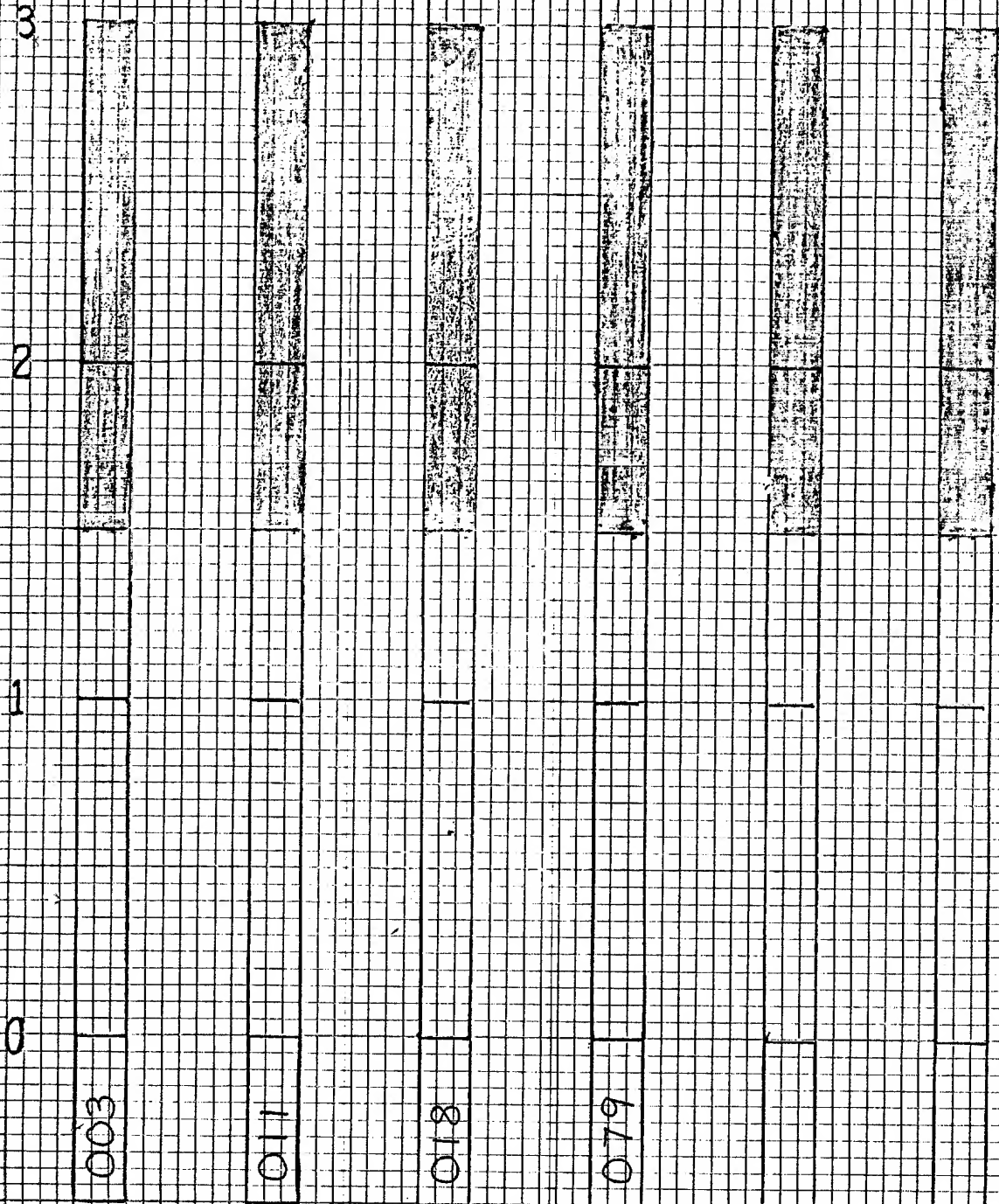


Puc. 16.



Puc. 17.

PROJECT N-1



REMOTE VIEWER